

ANTISPILA HÜBNER, [1825] (INSECTA, LEPIDOPTERA):
 PROPOSED VALIDATION OF *ANTISPILA* STADTMÜLLERELLA
 [HÜBNER] 1825 AS TYPE SPECIES. Z.N.(S.)2463

By E. S. Nielsen (*Division of Entomology, CSIRO, G.P.O. Box 1700, Canberra, A.C.T. 2601, Australia*) and I. W. B. Nye (*Department of Entomology, British Museum (Natural History), Cromwell Road, London SW7 5BD, U.K.*)

The object of this case is to request the Commission to suppress an unused type-species designation so that *Antispila* Hübner, [1825], can continue to be used in its universally accepted sense.

2. *Antispila* Hübner, [1825] (*Verz. bekannter Schmett.*, p. 419) was established for 13 originally included species. The first species was included by Hübner as '4070. *Antispila Pagenstecherella*. *Merianella* Hübn. Tin. 265.' — i.e. Hübner was establishing *A. pagenstecherella* to denote his earlier misidentification *Tinea merianella* Linnaeus *sensu* Hübner, [1805] (*Samml. eur. Schmett.*, vol. 8, pl. 38, fig. 265). The seventh species was included by Hübner as '*A. Stadtmüllerella*. *Pfeiferella* Hübn. 398'. — i.e., Hübner was establishing *A. stadtmüllerella* as an objective replacement name for *Tinea pfeiferella* Hübner, [1813] (*Samml. eur. Schmett.*, vol. 8, pl. 59, fig. 398) a primary homonym of *Tinea pfeiferella* Hübner, [1813] (*ibidem*, vol. 8, pl. 63, fig. 422) and a junior subjective synonym of *Tinea metallella* [Denis & Schiffermüller], 1775 (*Ankündigung Syst. Werkes Schmett. Wienergegend*, p. 144).

3. Ever since Wocke, 1871, in Staudinger & Wocke (*Cat. Lepid. eur. Faunengeb.*, p. 324), *Antispila* has been used as a valid name for a widely distributed and large genus in the HELIOZELIDAE based on *A. metallella* (= *stadtmüllerella* Hübner = *pfeiferella* Hübner fig. 398). *A. stadtmüllerella* was designated as the type species of *Antispila* by Fletcher, 1929 (*Mem. Dep. Agric. India (Entomol.)*, vol. 11, p. 17). There is, however, an earlier and hitherto overlooked type-species designation by Hampson, 1918 (*Novit. zool.*, vol. 25, p. 387) who habitually designated the first of the originally included species and so cited *pagenstecherella* and added that *Antispila* 'may be the oldest name in this family when its type can be identified'. Hampson was therefore unaware that *A. pagenstecherella* had already been placed by Heyden, 1861 (*Entomol. Ztg. Stettin*, vol. 22, p. 32) as the senior synonym of *Tinea vinculella* Herrich-Schäffer, 1850 (*Syst. Bearbeitung Schmett. Eur.*, vol. 5, Tineides, pl. 40, fig. 275; 1854, *ibidem*, vol. 5, p. 75). This species is currently placed in *Eudarcia* Clemens, 1860, in the TINEIDAE.

4. *Antispila* has been consistently used for the heliozelid genus in the literature dealing with both its taxonomy, faunistics, biology, and morphology, including the following:

- Berestynska-Wilczek, 1966, *Folia biol.*, Krakow vol. 14, p. 455
Davis, 1983, in Hodges, *Check List of Lepidoptera of America North of Mexico*, p. 4
Dziurzynski, 1952, *Mater. Fizjogr. Kraju*, vol. 28, p. 1
Emmet, 1976, in Heath, *Moths and Butterflies of Great Britain and Ireland*, vol. 1, p. 305
Gerasimov, 1952, *Fauna SSSR*, vol. 56, p. 306
Grandi, 1932, *Boll. Lab. Entomol R. Ist. super. agrar. Bologna*, vol. 5, p. 178
Kuroko, 1982, in Inoue *et al.*, *Moths of Japan*, vol. 1, p. 57, vol. 2, p. 157
Kuznetsov, 1978, *Opred. Faune SSSR*, vol. 117, p. 72
Lafontaine, 1973, *Can. Entomol.*, vol. 105, p. 991
Wojtusiak, 1976, *Klucze Oznac. Owad. Poland*, vol. 94, p. 9.
Antispila has to our knowledge never been used in the TINEIDAE.

5. In order to maintain general current usage of *Antispila* Hübner, [1825], in the HELIOZELIDAE and to prevent the confusion that would occur if it were to be transferred and used to replace *Eudarcia* Clemens, 1860, in the TINEIDAE, the Commission is requested:

- (1) to use its plenary powers to set aside all type-species designations for the nominal genus *Antispila* Hübner, [1825], prior to that of Fletcher, 1929;
- (2) to place the generic name *Antispila* Hübner, [1825], type species by subsequent designation of Fletcher, 1929, *Antispila stadtmuellerella* Hübner, [1825], on the Official List of Generic Names in Zoology;
- (3) to place the specific name *metallella* [Denis & Schiffermüller], 1775, as published in the binomen *Tinea metallella* (valid name, at the time of the application, of the type species of *Antispila* Hübner, [1825]) on the Official List of Specific Names in Zoology.